

Docket No.: 09086-00234-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Michael J. Elder et al.

Application No.: National Phase of
PCT/EP2004/012358

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: ORGANOMETALLIC TRANSITION
METAL COMPOUND,
BISCYCLOPENTADIENYL LIGAND
SYSTEM, CATALYST SYSTEM AND
PROCESS FOR PREPARING
POLYOLEFINS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark

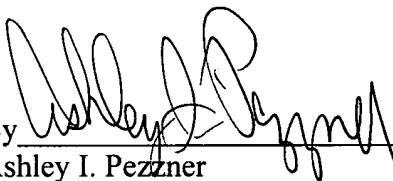
Application No.: National Phase of PCT/EP2004/012358

Docket No.: 09086-00234-US

Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 09086-00234-US.

Respectfully submitted,

By 
Ashley I. Pezzner

Registration No.: 35,646
CONNOLLY BOVE LODGE & HUTZ LLP
1007 North Orange Street
P.O. Box 2207
Wilmington, Delaware 19899
(302) 658-9141
(302) 658-5614 (Fax)
Attorney for Applicant

460185

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete If Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Michael J. Elder
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	09086-00234-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA*	US-5,455,365	10-03-1995	Winter et al.	
	AB*	US-5,455,366	10-03-1995	Rohrmann et al.	
	AC*	US-5,830,821	11-03-1998	Rohrmann et al.	
	AD*	US-6,417,302	07-09-2002	Bohnen	
	AE*	US-6,589,905	07-08-2003	Fischer et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)				
	BA	WO-91/09882	07-11-1991	Exxon Chemical Patents Inc.		
	BB	EP-0 549 900	07-07-1993	Hoechst Aktiengesellschaft		See US 5,455,366 and US 5,830,821
	BC	EP-0 582 194	02-09-1994	Hoechst Aktiengesellschaft		See US 5,455,365
	BD	WO-96/00243	01-04-1996	Exxon Chemical Patents Inc.		
	BE	WO-98/40419	09-17-1998	Targor GmbH		See Abstract
	BF	WO-99/06414	02-11-1999	Targor GmbH		See US 6,417,302
	BG	WO-00/05277	02-03-2000	Targor GmbH		See US 6,589,905
	BH	WO-00/31090	06-02-2000	Targor GmbH		See Abstract
	BI	WO-03/045964	06-05-2003	Basell Polyolefine GmbH		
	BJ	EP-1 327 636	07-16-2003	Basell Polyolefine GmbH		
	BK	WO-03/106470	12-24-2003	Basell Polyolefine GmbH		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CA	Ryabov, Alexey N. et al., "Zirconium Complexes with Cyclopentadienyl Ligands Involving Fused a Thiophene Fragment", <i>Organometallics</i> 21 (2002), pp. 2842-2855.	
	CB	Kloetzel, Milton C. et al., "Synthesis of 4-Substituted Thianaphthene Derivatives", <i>J. Organic Chem</i> 19 (1953), pp. 1511-1515.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
-----------------------	--------------------